

PRODUCT SPECIFICATIONS

Product Name: 2835 60LED per Meter LED Light Strip



Created	Examine and verify	Ratify
Zhao Yinglong	Wu Xiongwei	Peng Xinyan

UKCA

FCC

CE

RoHS

● **Descriptions:**

Model	Color	Size (MM)	LED			Working voltage	Power	Color Temperature
			LED	Number of LEDs	Luminance (LM)			
MGK-2835W-60-100	W	1000*8*2	2835	60	840LM/M	DC 12/24V	7W/M	6000-6500K
MGK-2835WW-60-100	WW	1000*8*2	2835	60	840LM/M	DC 12/24V	7W/M	2800-3000K

● **Working conditions:**

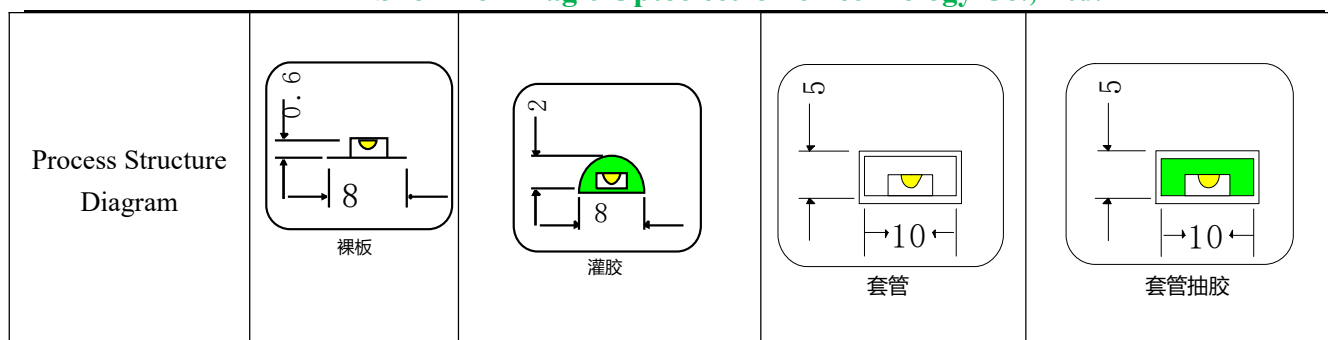
Operating requirement	Condition	Unit
Working voltage	DC 12/24V	V
Working current	IF 700	MA
Antistatic capability	2000	V

● **Comparison of Waterproof/ IP grade:**

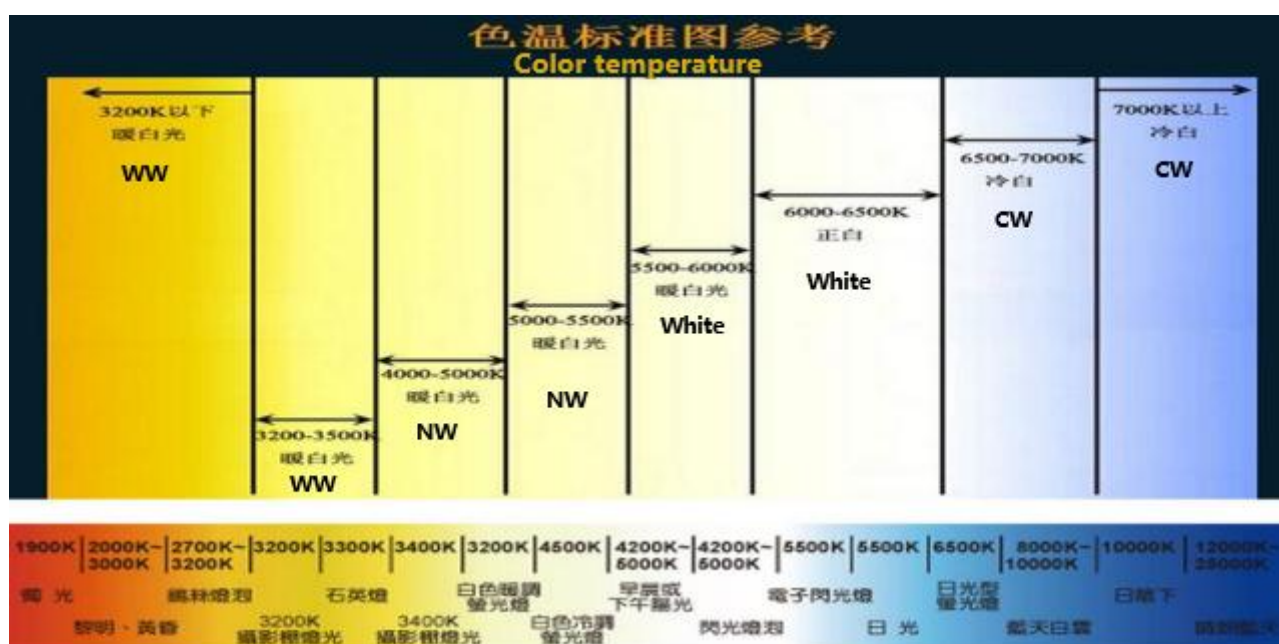
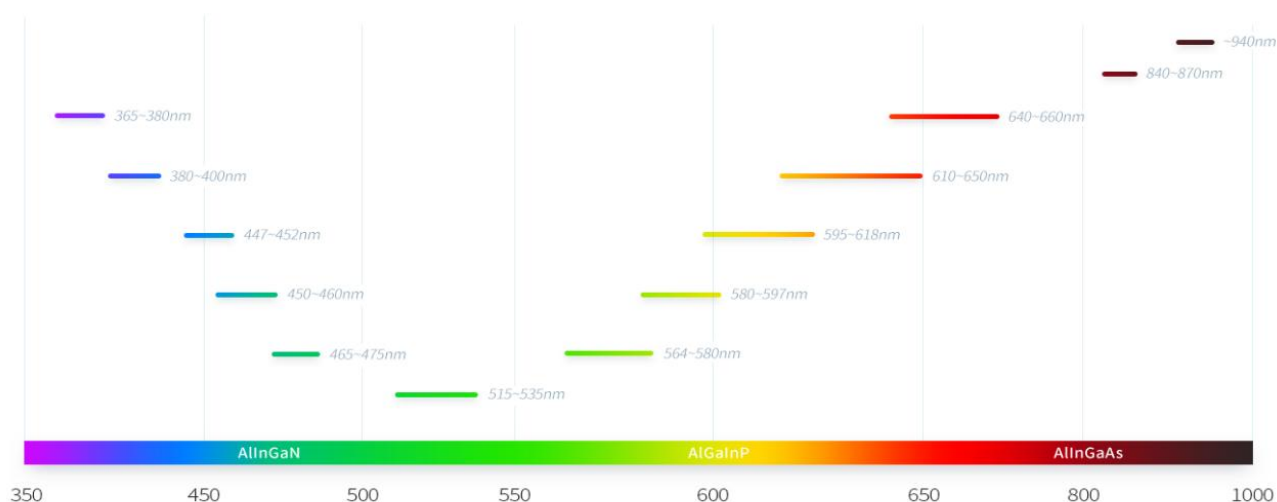
Production process	Bare board	Epoxy resin soft glue on surface	PVC silicone tube	PVC/ Silicone tube + fill with Epoxy/ silicone
Main material	FPC	FPC+ epoxy resin soft glue	FPC+PVC tube FPC+silicone tube (options)	FPC + PVC + epoxy resin soft adhesive; FPC + silicone tube + silicone
IP Rating/ waterproof	IP20	IP65	IP65	IP68
Luminous transmittance	100%	≥85%	≥90%	≥75%
Applications	Indoor	Indoor/Outdoor (spraying duration not exceeding 1 minute) Indoor/Outdoor (spraying duration not exceeding 1 minute) Indoor/Outdoor (spraying duration not	For indoor and outdoor use (may be exposed to water for extended periods, but should not be submerged in water). For indoor and	Indoor/Outdoor (can be soaked in water for extended periods) Indoor/Outdoor (can be soaked in water for extended periods) Indoor/Outdoor (can be soaked in water for

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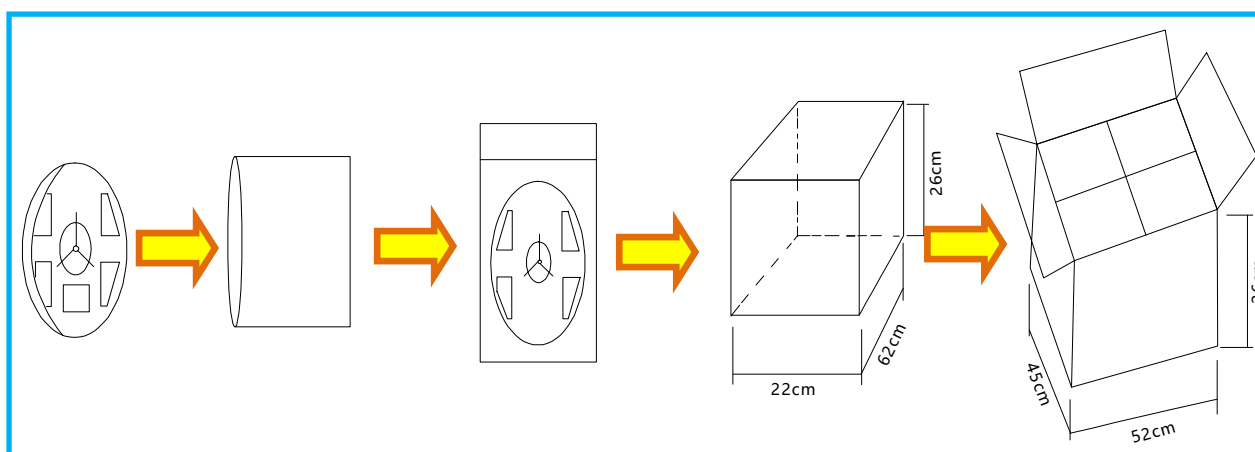
		exceeding 1 minute)	outdoor use (may be exposed to water for extended periods, but should not be submerged in water). For indoor and outdoor use (may be exposed to water for extended periods, but should not be submerged in water).	extended periods)
Usage Temperature/Humidity	-20~50°C /60%HR	-10~60°C/80%HR	-10~50°C / 80% relative humidity (PVC sleeve) -20~60°C / 80% relative humidity (silicone sleeve)	-10~50°C / 100% HR (PVC sleeve) -20~60°C / 100% HR (silicone sleeve) -10~50°C / 100% HR (PVC sleeve) -20~60°C / 100% HR (silicone sleeve) -10~50°C / 100% HR (PVC sleeve) -20~60°C / 100% HR (silicone sleeve) -10~50°C / 100% HR (PVC sleeve) -20~60°C / 100% HR (silicone sleeve)
Storage Temperature/Humidity	≥30°C/40%HR	≥30°C/40%HR	≥30°C/80%HR	≥30°C/100%HR



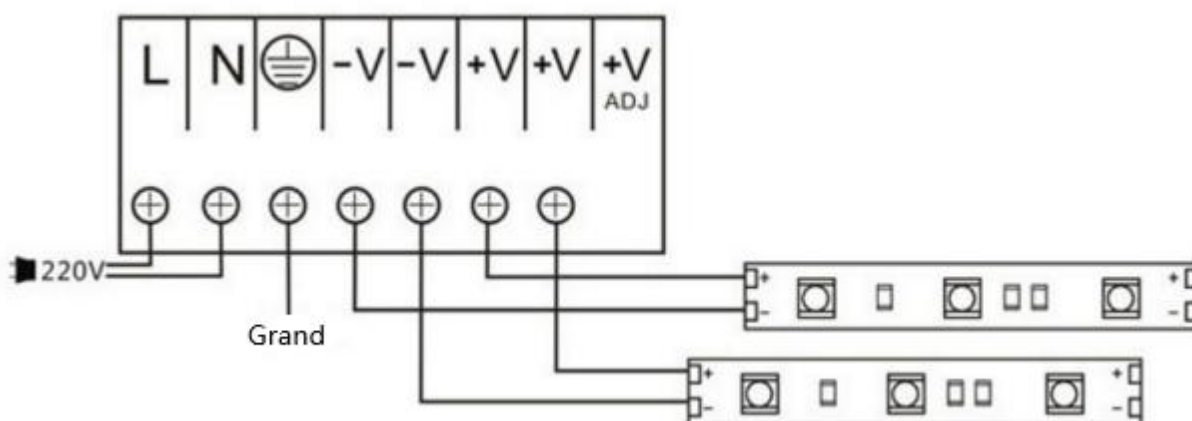
● Color chart and color temperature comparison table

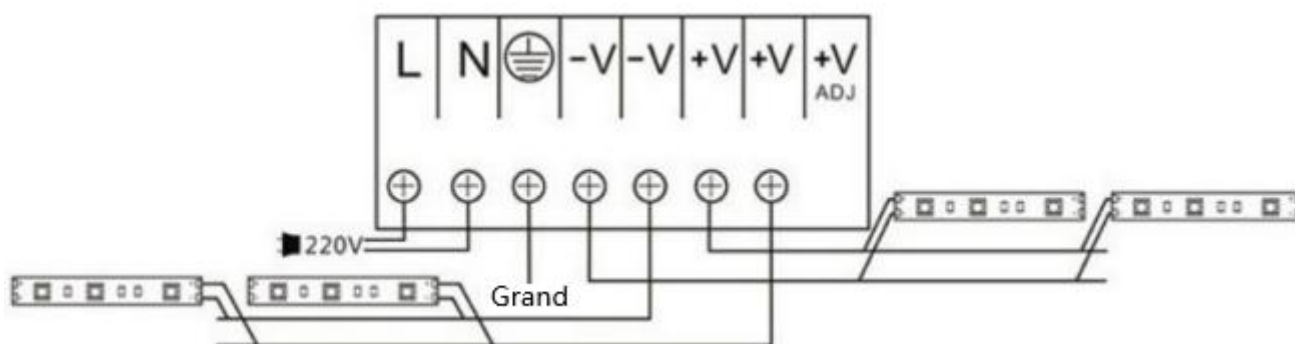
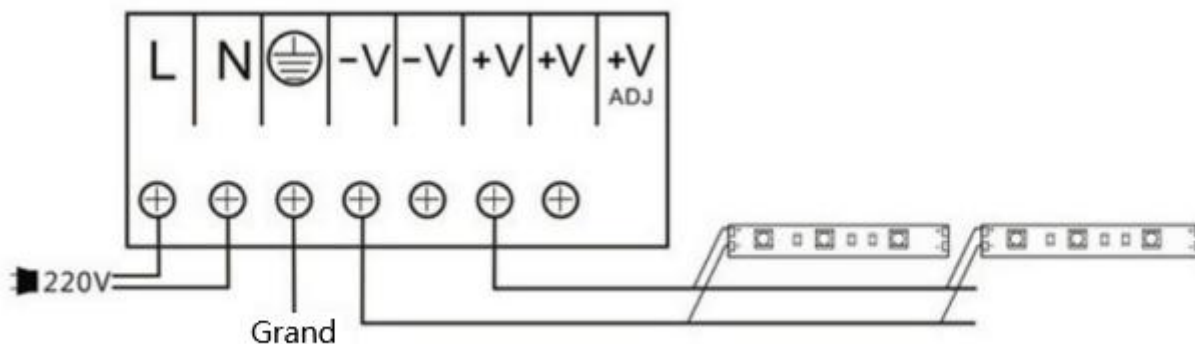


- **Packaging:**



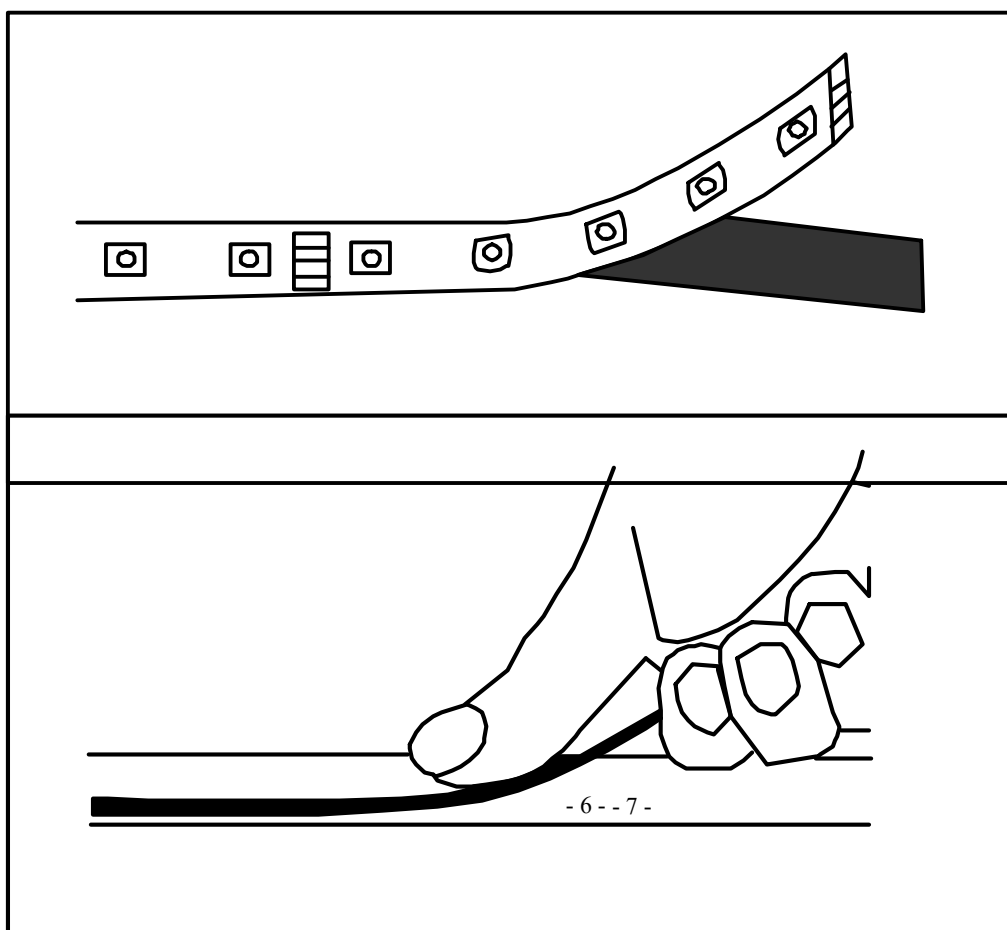
- **Wiring diagram:**





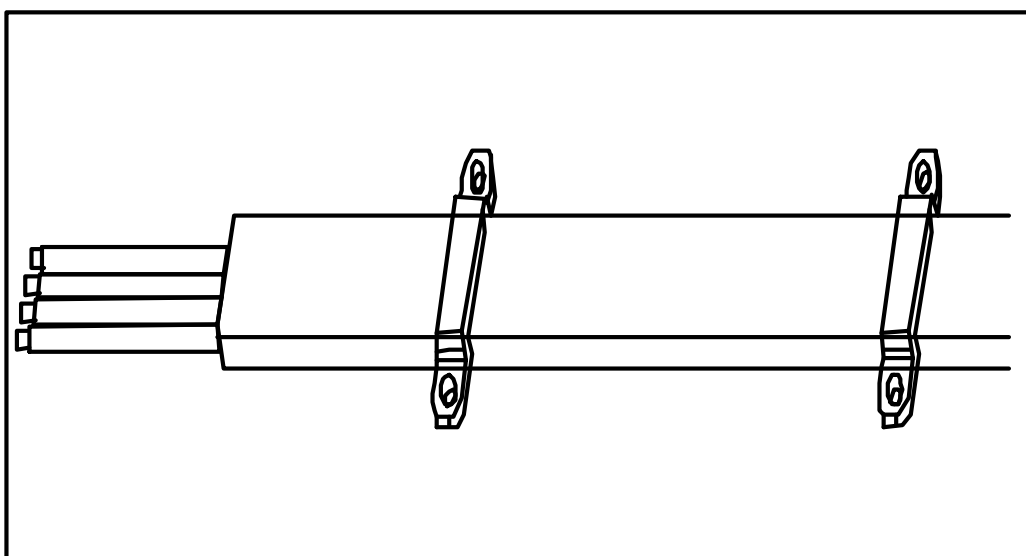
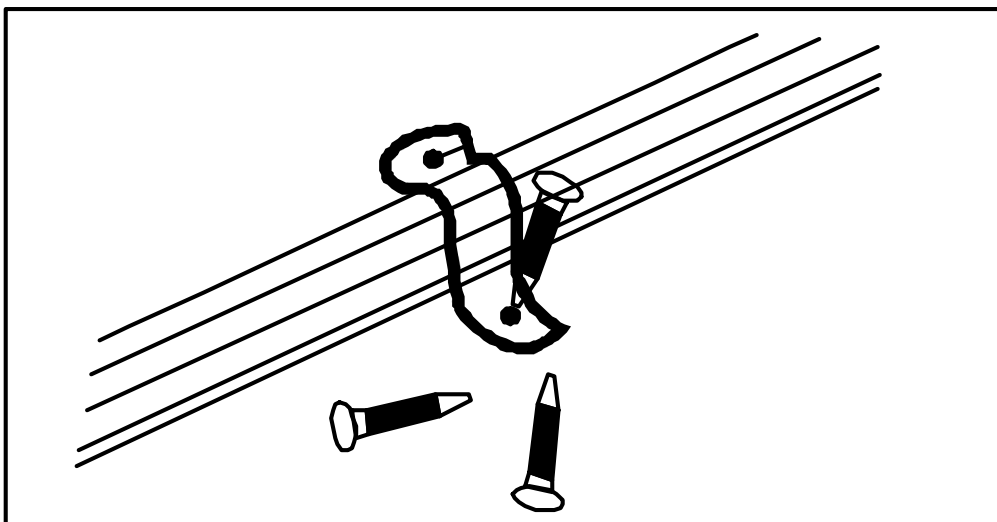
● Installation Method and Important Notes

1. Before installing the flexible light strip on the surface, ensure the installation area is clean and free of debris.
2. Remove the release paper from both sides of the adhesive backing on the flexible light strip, and carefully peel off the release paper in one continuous motion.



3. Apply the flexible light strip to the installation surface; do not press the lights under any circumstances.

4. Additional fastening components may be selected as needed.



5. Connect the red wire of the light strip to the positive terminal and the black wire to the negative terminal, ensuring proper insulation.

6. Use a suitable power supply; live work is strictly prohibited during installation.

● Product Application Demonstration

Image

